




Arya Patel

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EDUCATION

University of Waterloo

Waterloo, ON | Sept 2023 – Current

Honours Bachelor of Applied Science, System Design Engineering, Co-op

- President's Scholarship of Distinction (97%)

SKILLS

- **Languages:** Python, C++, JavaScript, HTML, CSS, Java
- **Tools/Frameworks:** Git, Netlify, SQLite, React, Figma, SolidWorks, AutoCAD, Adobe Photoshop, Illustrator
- **Relevant Coursework/Certifications:** Enterprise Design Thinking, UX/UI, Computer Architecture, Information Security

PROFESSIONAL EXPERIENCE

RBC Junior Achievement North

Toronto, ON | Jan 2020 – June 2022

Humble Inc., Student-Led Company

- Directed the maintenance of professional portfolios and deliverables, collaborated closely with clients to understand requirements, and translate them into effective solutions
- Managed the operations of web development, ensuring seamless functionality and optimal user experience; oversaw server configurations, database management, and website hosting to ensure reliable performance and data security
- Provided ongoing technical support to clients, promptly addressing inquiries, and troubleshooting problems

Support Mozilla

Toronto, ON | May 2023 – Aug 2023

Technical Support Officer

- Provided technical support to users on Mozilla Support forums, addressing queries and troubleshooting issues effectively
- Authored informative help articles, contributing to a comprehensive knowledge base for users seeking assistance
- Demonstrated strong communication skills in assisting users with technical challenges, enhancing their overall experience with Mozilla products and services

TECHNICAL PROJECTS

Language Translator

JavaScript, HTML, CSS, Google Translate API

- Developed and launched a robust web application, serving a diverse user base of over 30 individuals, to provide language seamless translation services
- Integrated the Google Translate API within a sophisticated JavaScript backend, enabling real-time translation capabilities across multiple languages and significantly enhancing the application's functionality
- Implemented an engaging, user-friendly frontend interface, ensuring optimal device responsiveness, and delivering an exceptional user experience

WeatherNow

JavaScript, HTML, CSS, OpenWeatherMap API

- Developed a dynamic weather application, utilizing the OpenWeatherMap API for seamless cross-device compatibility, offering real-time updates on temperature, humidity, and wind speed for locations worldwide
- Leveraged JavaScript to craft interactive weather elements, enhancing user engagement and experience, and employed modular CSS techniques for an attractive meteorological design
- Prioritized web accessibility standards, resulting in an online platform with intuitive navigation and comprehensive weather data presentation

LEADERSHIP EXPERIENCE

CBSS WomenInStem

Brampton, ON | Oct 2022 – June 2023

President/Founder

- Supervised daily Python lessons and Mathematic tutorials for 100+ competing female students on MS Teams
- Hosted and lead in-school competitions to prepare for UWaterloo's CCC, CEMC, Euclid, HackTheNorth
- Optimized budget allocation by sourcing cost-effective alternatives for paid resources and transitioning competitions to virtual platforms, resulting in a remarkable 75% annual budget saving